

INTERNATIONAL SEARCH REPORT

ational Application No
PCT/DK2004/000488

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K39/39 A61K39/04 A61P31/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DASCHER C C ET AL: "Immunization with a mycobacterial lipid vaccine improves pulmonary pathology in the guinea pig model of tuberculosis." INTERNATIONAL IMMUNOLOGY, vol. 15, no. 8, August 2003 (2003-08), pages 915-925, XP008031893 ISSN: 0953-8178 the whole document	1-14
X	WO 03/011336 A (NAT RES COUNCIL ; SAD SUBASH (CA); SPROTT G DENNIS (CA); KRISHNAN LAKS) 13 February 2003 (2003-02-13) cited in the application pages 9-19 ----- --/--	1,5-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *Z* document member of the same patent family

Date of the actual completion of the international search

2 December 2004

Date of mailing of the international search report

21/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Teyssier, B

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000488

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/074333 A (STANFORD ROOK LTD ; BRUNET LAURA CRISTINA ROSA (GB); ROOK GRAHAM ARTHU) 26 September 2002 (2002-09-26) -----	
A	WO 02/074330 A (BRUNET LAURA CRISTINA ROSA DR ; STANFORD ROOK LTD (GB); ROOK GRAHAM AR) 26 September 2002 (2002-09-26) -----	
A	MOURA A C N ET AL: "Down-regulatory effect of Mycobacterium leprae cell wall lipids on phagocytosis, oxidative respiratory burst and tumour cell killing by mouse bone marrow derived macrophages" SCANDINAVIAN JOURNAL OF IMMUNOLOGY, vol. 46, no. 5, November 1997 (1997-11), pages 500-505, XP002285347 ISSN: 0300-9475 -----	
A	OLSEN A ET AL: "Protection of mice with a tuberculosis subunit vaccine based on a fusion protein of antigen 85B and ESAT-6" INFECTION AND IMMUNITY, vol. 69, no. 5, May 2001 (2001-05), pages 2773-2778, XP002285350 ISSN: 0019-9567 cited in the application the whole document -----	11
A	KOIKE Y ET AL: "Enhancing activity of mycobacterial cell-derived adjuvants on immunogenicity of recombinant human hepatitis B virus vaccine" VACCINE, vol. 16, no. 20, December 1998 (1998-12), pages 1982-1989, XP004138446 ISSN: 0264-410X cited in the application -----	
A	SAITO R ET AL: "Adjuvant effect of cord factor, a mycobacterial lipid." INFECTION AND IMMUNITY, vol. 13, no. 3, 1976, pages 776-781, XP002285349 ISSN: 0019-9567 cited in the application -----	
A	WO 00/69458 A (STATENS SERUMINSTITUT) 23 November 2000 (2000-11-23) -----	
	-/--	

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK2004/000488

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	<p>HOLTEN-ANDERSEN L ET AL: "Combination of the cationic surfactant dimethyl dioctadecyl ammonium bromide and synthetic mycobacterial cord factor as an efficient adjuvant for tuberculosis subunit vaccines."</p> <p>INFECTION AND IMMUNITY, vol. 72, no. 3, March 2004 (2004-03), pages 1608-1617, XP002285351</p> <p>ISSN: 0019-9567</p> <p>cited in the application</p> <p>-----</p>	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000488

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03011336	A	13-02-2003	WO 03011336 A2	13-02-2003
			CA 2455597 A1	13-02-2003
			EP 1416959 A2	12-05-2004
			US 2004191304 A1	30-09-2004
WO 02074333	A	26-09-2002	WO 02074333 A2	26-09-2002
WO 02074330	A	26-09-2002	WO 02074330 A2	26-09-2002
WO 0069458	A	23-11-2000	AU 4537100 A	05-12-2000
			WO 0069458 A2	23-11-2000
			EP 1183044 A2	06-03-2002